

Title (en)
Pneumatic tires

Title (de)
Luftreifen

Title (fr)
Bandages pneumatiques

Publication
EP 0738618 A1 19961023 (EN)

Application
EP 96301736 A 19960314

Priority
JP 9701395 A 19950421

Abstract (en)
A pneumatic radial tire (10) comprises a pair of bead cores (16), a carcass (12) extending toroidally between the bead cores, a stiffener (22) disposed on the bead cores and a belt comprising rubberized cord plies and disposed on a crown portion of the carcass, wherein the belt comprises a first rubberized ply (18) having steel cords inclined with respect to the tire equatorial plane (CL) and at least one second rubberized ply (20) having organic fiber cords extending substantially in parallel with the tire equatorial plane, the relation between the height H of the stiffener (22) in the radial direction and the section height SH of the tire is given by $0.4SH \leq H \leq 0.6SH$, and the thickness d of the upper portion of the stiffener defined between a height corresponding to 0.35SH and the top of the stiffener is given by $0.5mm \leq d \leq 0.2D$ when D is the thickness of the stiffener at the bottom portion adjacent to the bead core (16). <IMAGE>

IPC 1-7
B60C 15/06; **B60C 9/22**

IPC 8 full level
B60C 9/20 (2006.01); **B60C 9/22** (2006.01); **B60C 15/06** (2006.01)

CPC (source: EP US)
B60C 9/22 (2013.01 - EP US); **B60C 15/06** (2013.01 - EP US); **Y10T 152/10792** (2015.01 - EP US); **Y10T 152/10837** (2015.01 - EP US); **Y10T 152/10846** (2015.01 - EP US)

Citation (search report)
• [AD] FR 2238600 A1 19750221 - PIRELLI [IT] & US 3973612 A 19760810 - MEZZANOTTE MARIO
• [A] PATENT ABSTRACTS OF JAPAN vol. 012, no. 201 (M - 707) 10 June 1988 (1988-06-10)
• [A] PATENT ABSTRACTS OF JAPAN vol. 95, no. 001
• [PA] PATENT ABSTRACTS OF JAPAN vol. 95, no. 004

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Designated contracting state (EPC)
DE ES FR GB IT

DOCDB simple family (publication)
EP 0738618 A1 19961023; **EP 0738618 B1 19981230**; DE 69601241 D1 19990211; DE 69601241 T2 19990708; ES 2126981 T3 19990401; JP 3490536 B2 20040126; JP H08290708 A 19961105; US 5698051 A 19971216

DOCDB simple family (application)
EP 96301736 A 19960314; DE 69601241 T 19960314; ES 96301736 T 19960314; JP 9701395 A 19950421; US 62398896 A 19960329